

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032512.D
 Acq On : 2 Feb 2018 15:07
 Operator : SJ/JU
 Sample : J1429-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIMER-SLUDGE-PIT

Quant Time: Feb 02 22:23:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

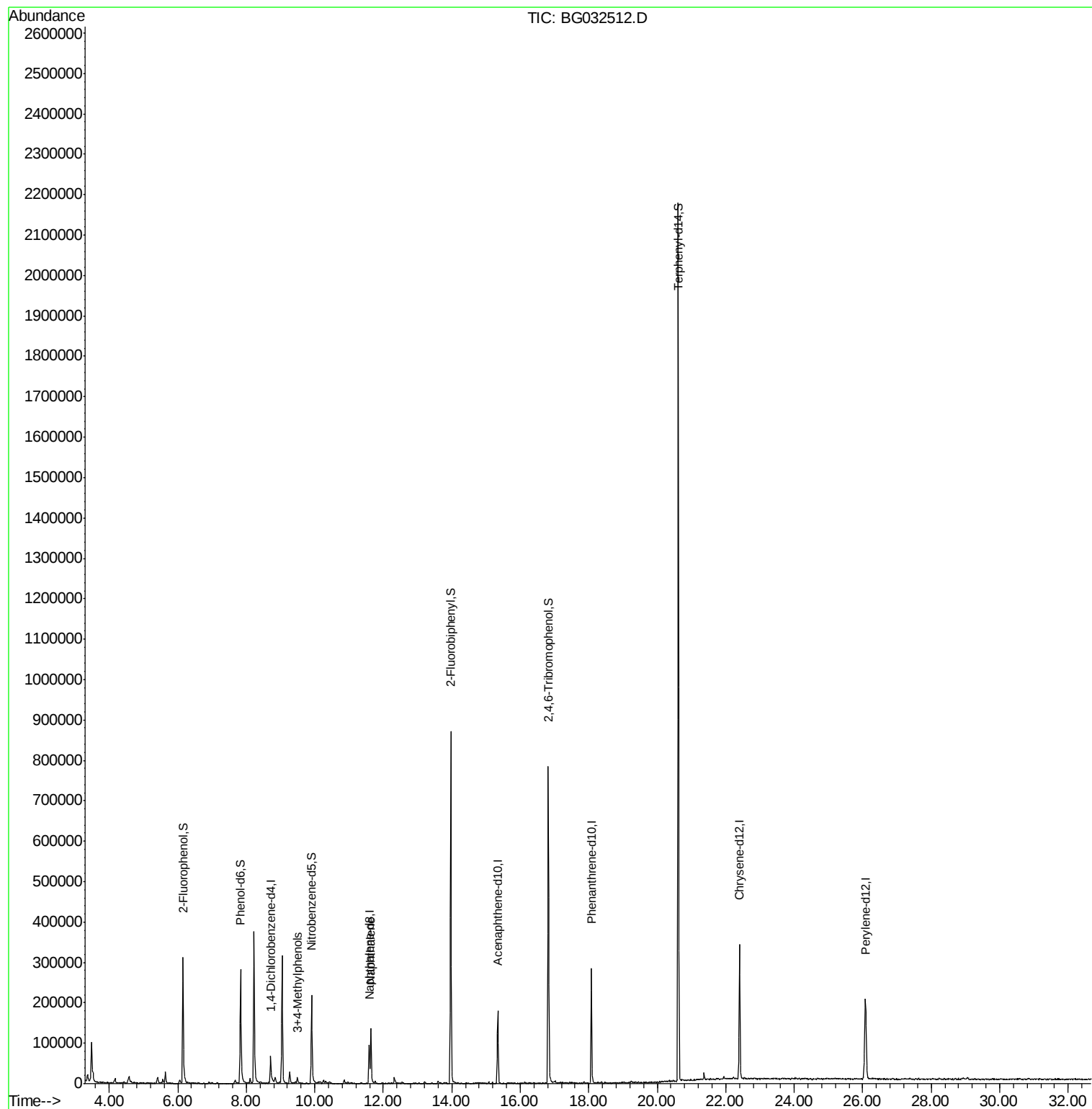
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24596	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	103061	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	72377	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	199373	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	266254	20.00	ng	-0.02
86) Perylene-d12	26.08	264	282042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	171789	140.29	ng	0.00
7) Phenol-d6	7.84	99	196960	120.53	ng	0.00
23) Nitrobenzene-d5	9.91	82	146793	88.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	188675	136.95	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	532959	87.52	ng	-0.02
78) Terphenyl-d14	20.62	244	1168884	94.04	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	9.49	107	8723	4.934	ng	84
31) Naphthalene	11.64	128	134875	26.795	ng	99

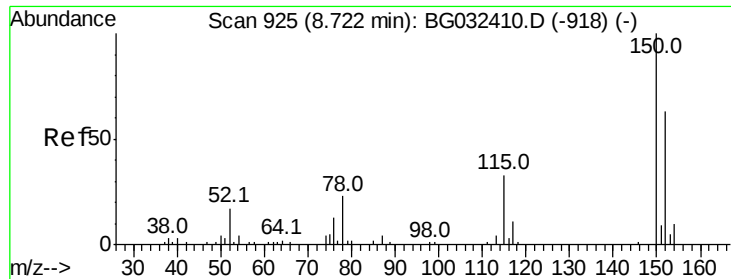
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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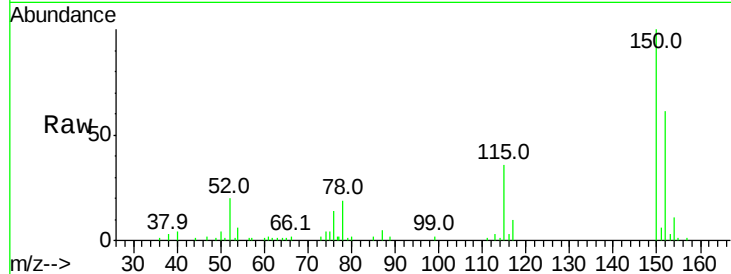


#1

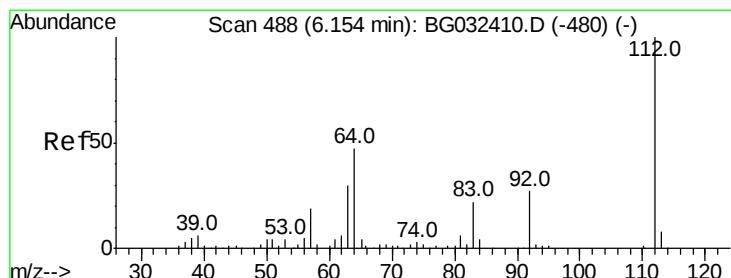
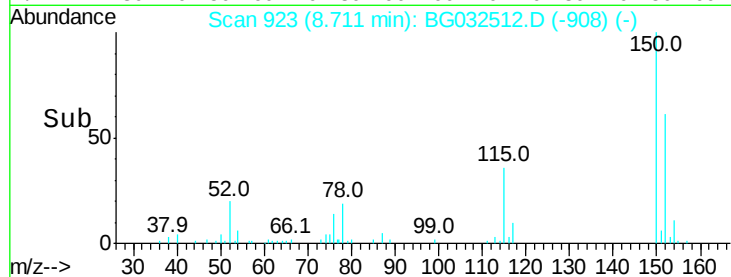
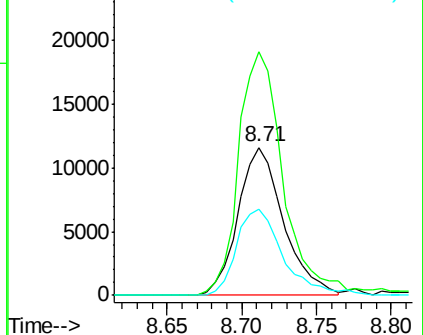
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032512.D
Acq: 2 Feb 2018 15:07

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

Tot Ion:152 Resp: 24596
Ion Ratio Lower Upper
152 100
150 164.3 126.6 189.8
115 58.3 53.0 79.4



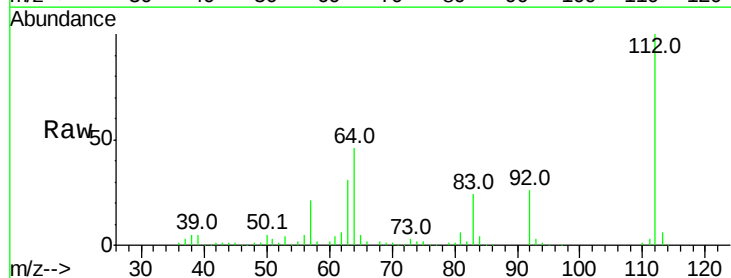
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



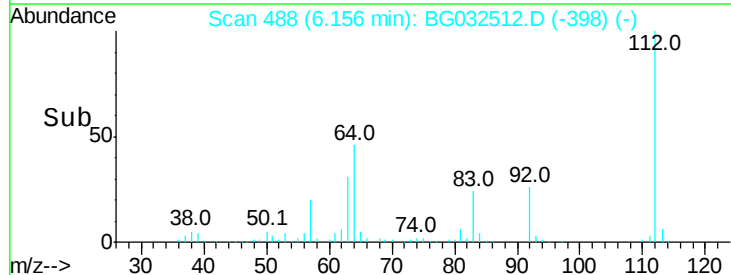
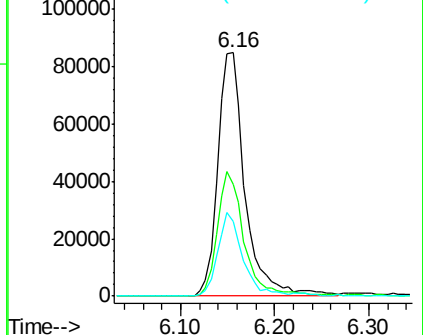
#5

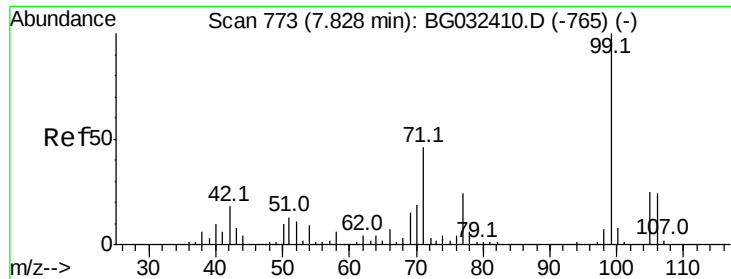
2-Fluorophenol
Concen: 140.286 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032512.D
Acq: 2 Feb 2018 15:07

Tgt Ion:112 Resp: 171789
Ion Ratio Lower Upper
112 100
64 45.8 56.3 84.5#
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.533 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-SLUDGE-PIT

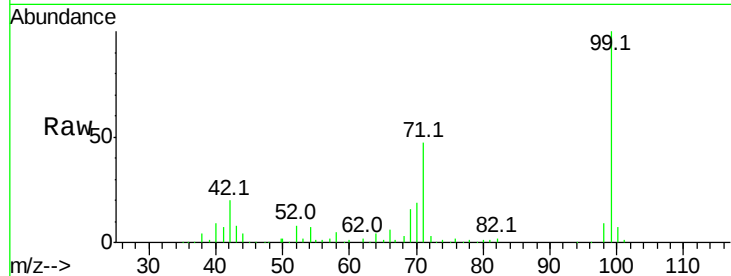
Tot Ion: 99 Resp: 196960

Ion Ratio Lower Upper

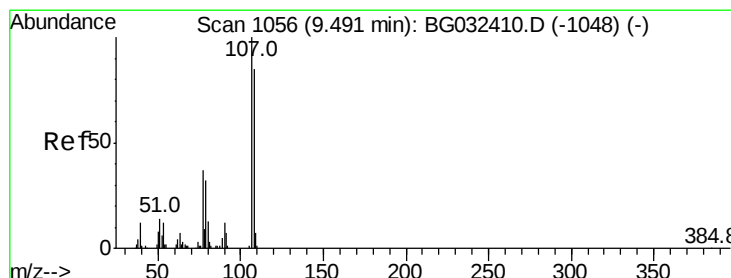
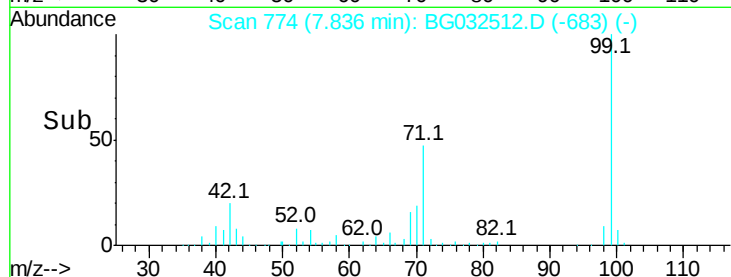
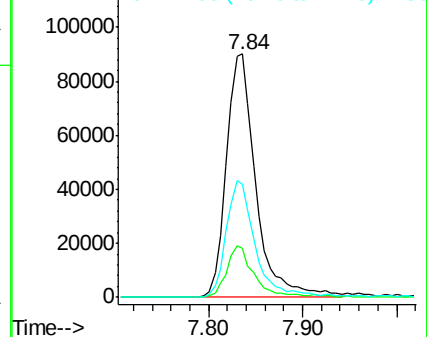
99 100

42 19.9 14.1 21.1

71 46.7 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#20

3+4-Methylphenols

Concen: 4.934 ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

Tgt Ion:107 Resp: 8723

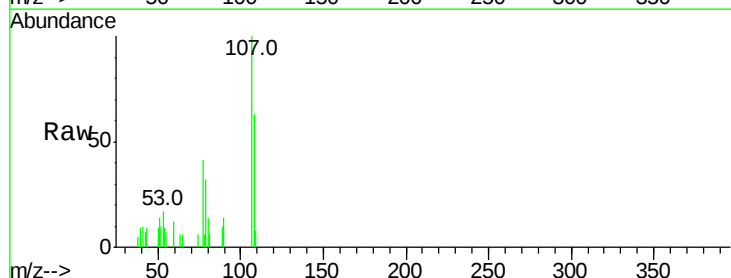
Ion Ratio Lower Upper

107 100

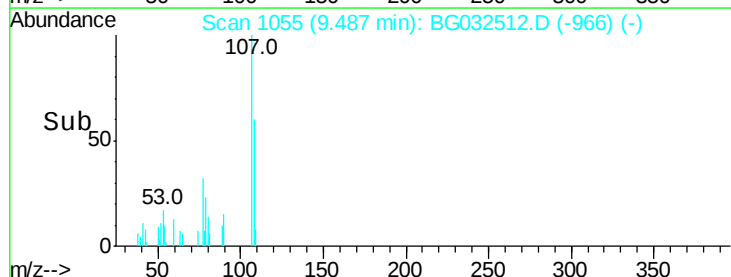
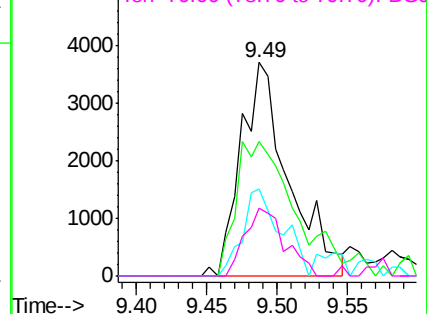
108 63.2 61.6 101.6

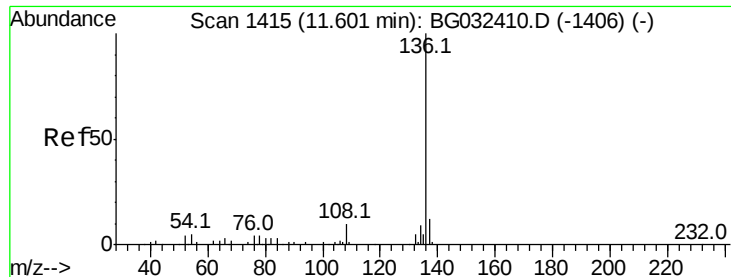
77 41.0 13.9 53.9

79 32.1 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-SLUDGE-PIT

Tot Ion:136 Resp: 103061

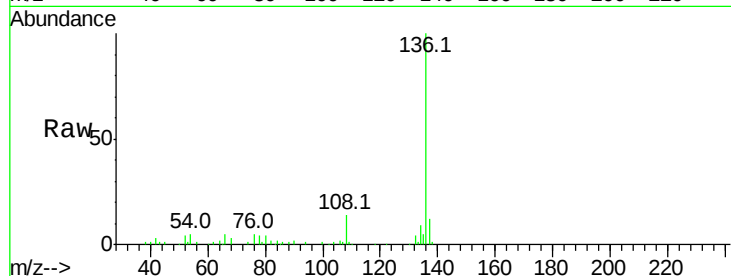
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.2 10.3 15.5#

68 2.9 4.5 6.7#

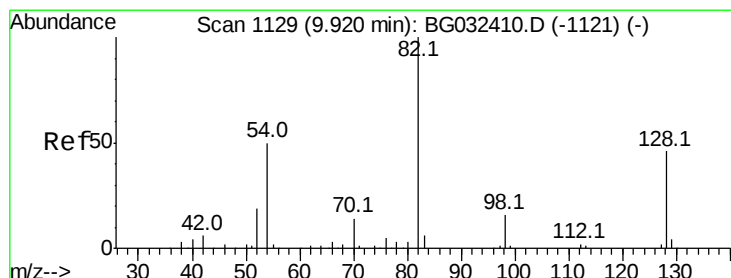
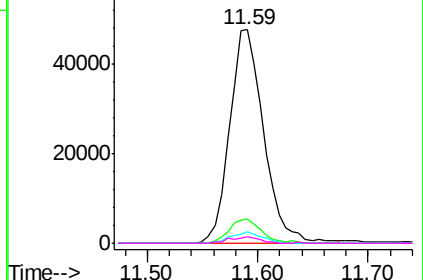
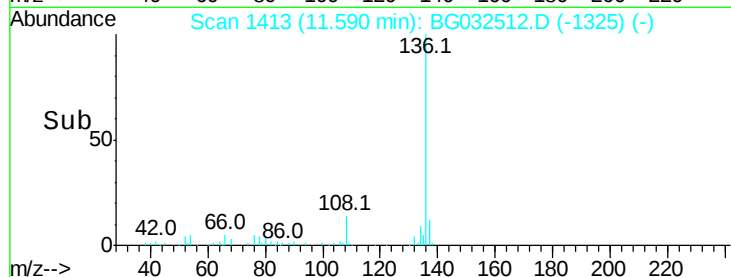


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 88.964 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

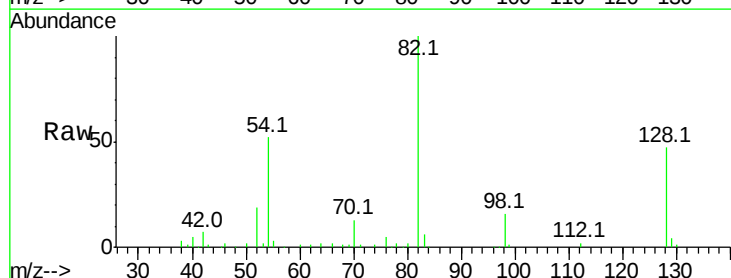
Tgt Ion: 82 Resp: 146793

Ion Ratio Lower Upper

82 100

128 46.6 29.7 44.5#

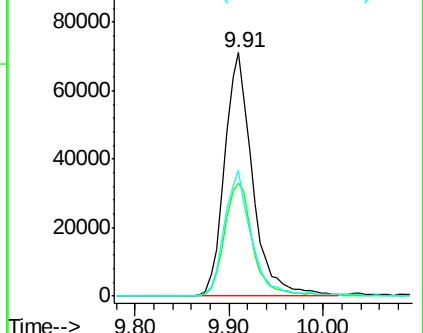
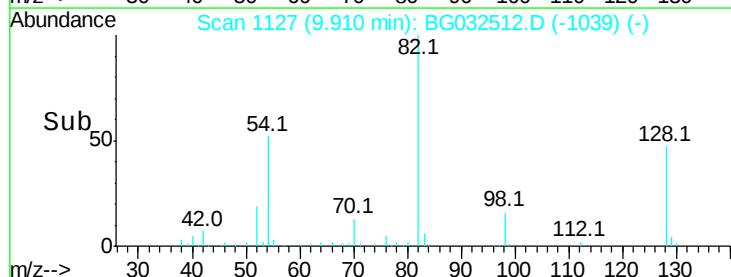
54 51.7 43.1 64.7

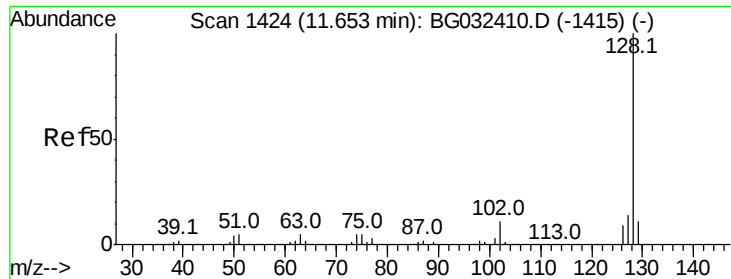


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

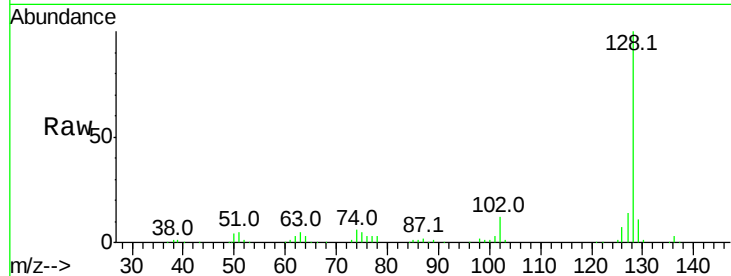




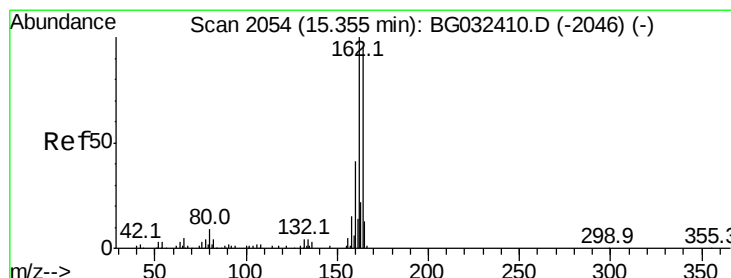
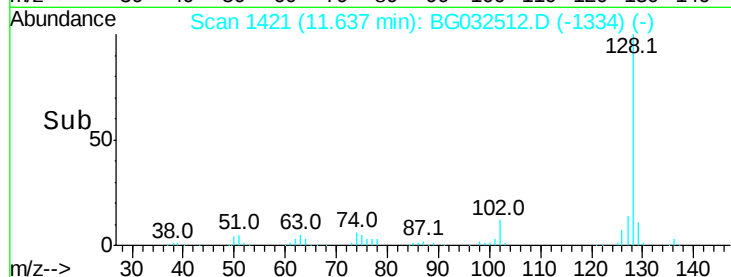
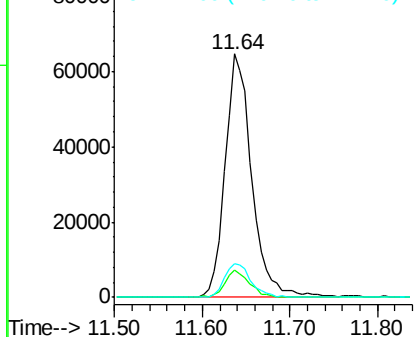
#31
Naphthalene
Concen: 26.795 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032512.D
Acq: 2 Feb 2018 15:07

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

Tot Ion:128 Resp: 134875
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.7 11.6 17.4

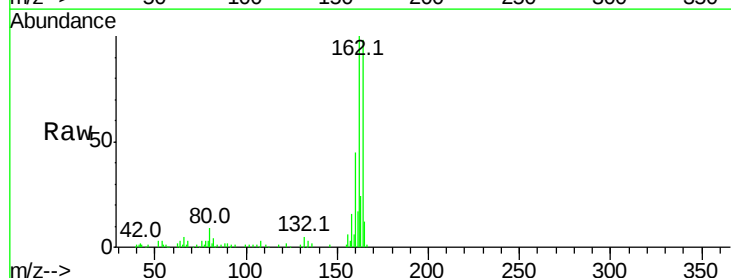


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

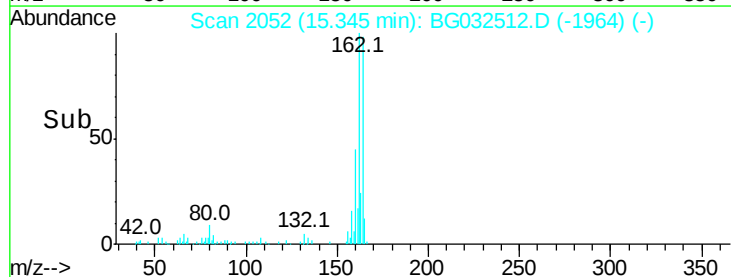
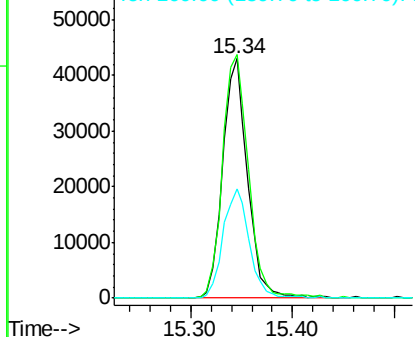


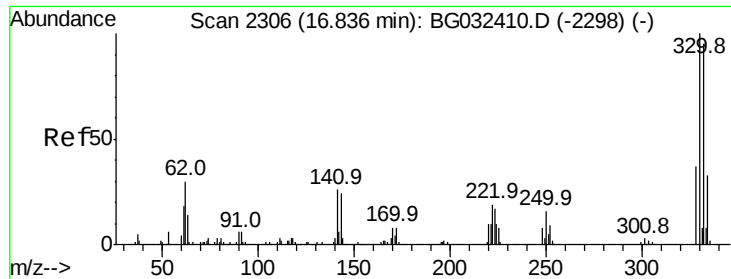
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032512.D
Acq: 2 Feb 2018 15:07

Tgt Ion:164 Resp: 72377
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 136.950 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-SLUDGE-PIT

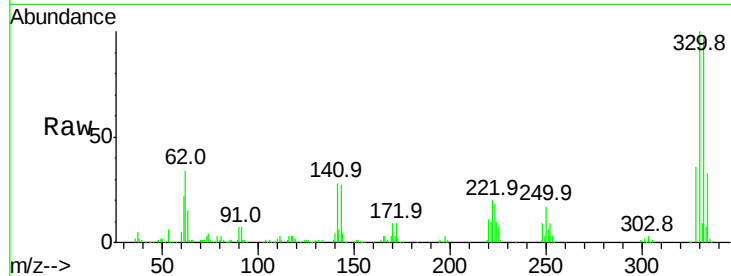
Tot Ion:330 Resp: 188675

Ion Ratio Lower Upper

330 100

332 99.1 77.0 115.6

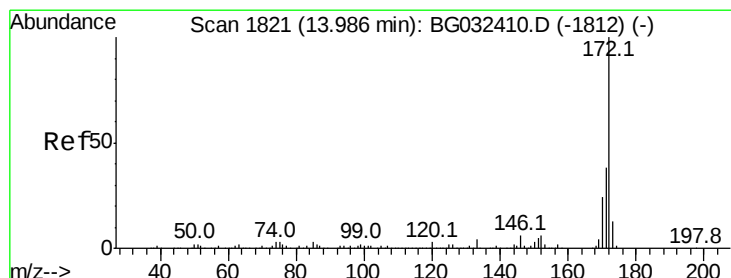
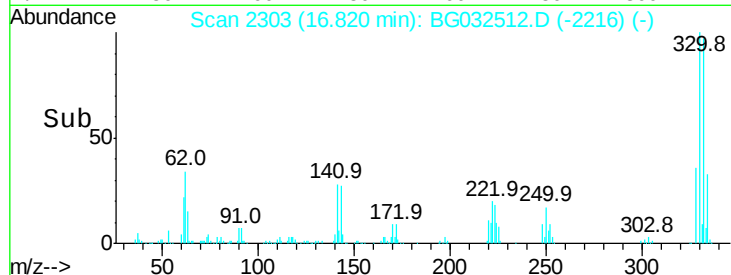
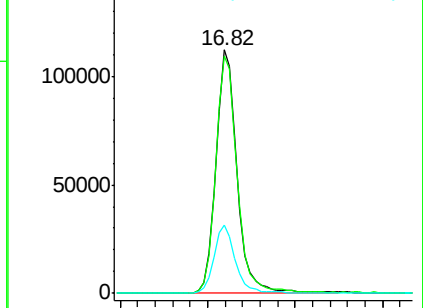
141 28.4 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 87.522 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

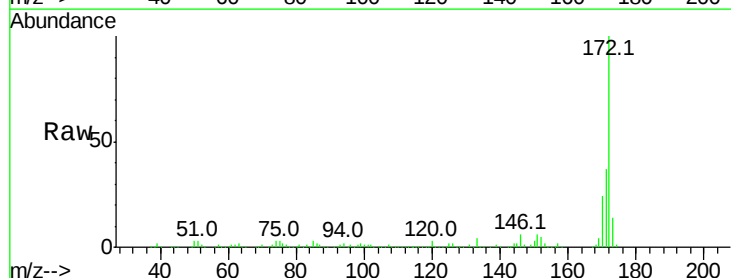
Tgt Ion:172 Resp: 532959

Ion Ratio Lower Upper

172 100

171 37.5 30.0 45.0

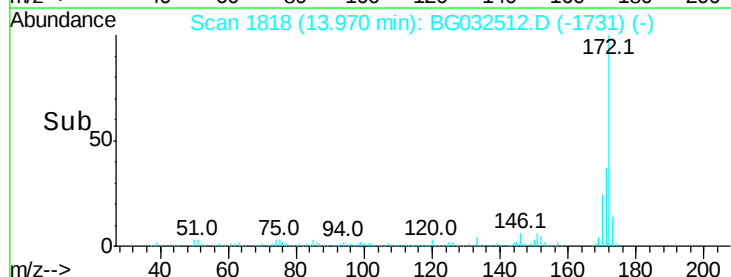
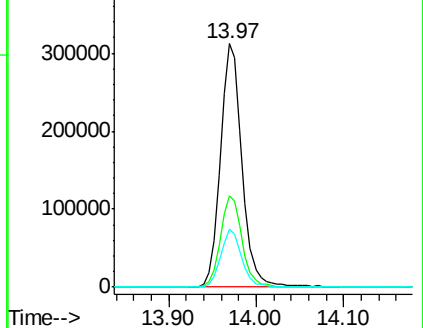
170 24.1 19.5 29.3

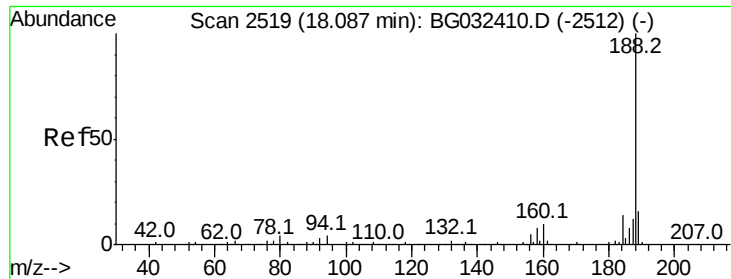


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

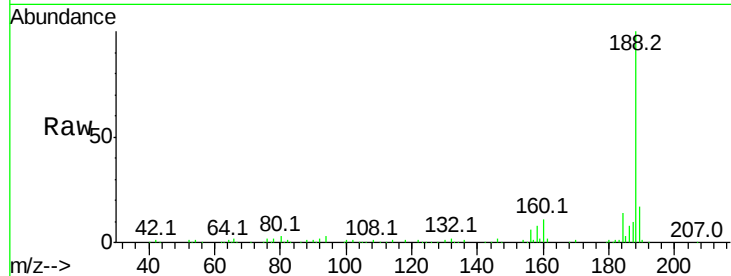




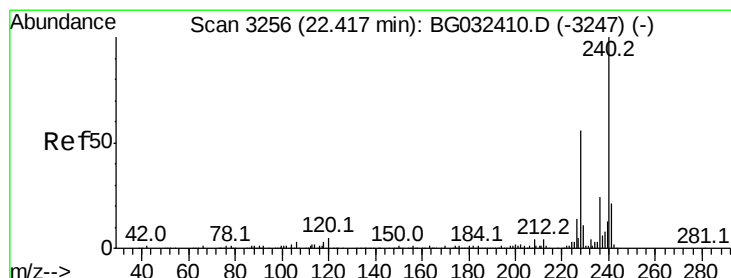
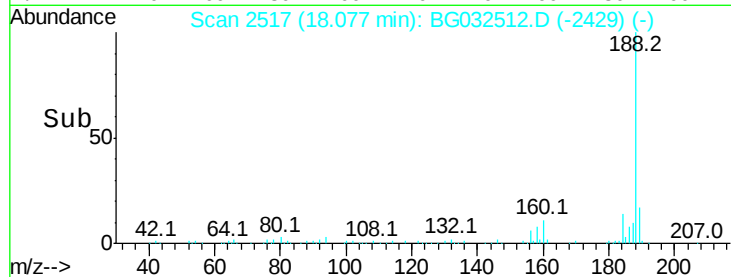
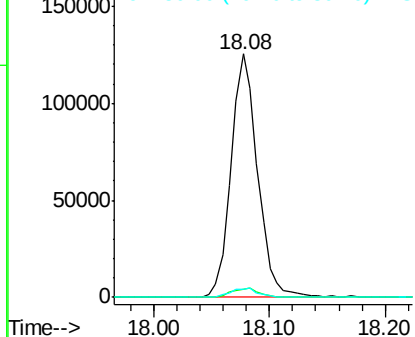
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032512.D
Acq: 2 Feb 2018 15:07

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

Tot Ion:188 Resp: 199373
Ion Ratio Lower Upper
188 100
94 3.2 6.9 10.3#
80 3.4 7.7 11.5#

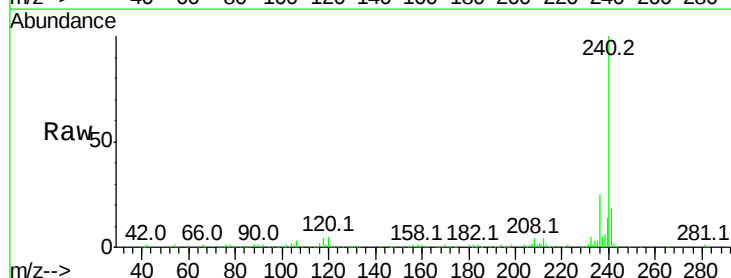


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

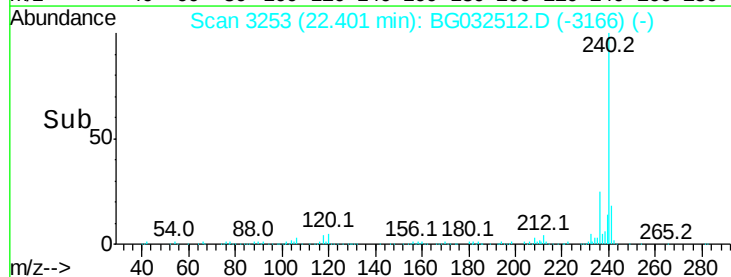
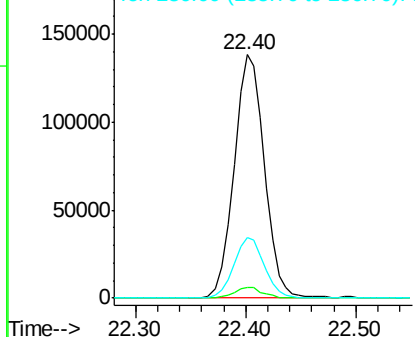


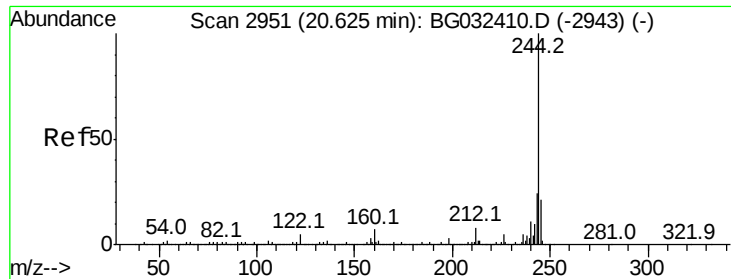
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032512.D
Acq: 2 Feb 2018 15:07

Tgt Ion:240 Resp: 266254
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.040 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-SLUDGE-PIT

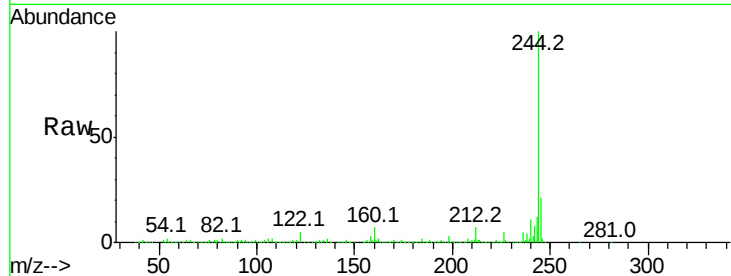
Tot Ion:244 Resp: 1168884

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.5	7.0	10.4

244 100

212 7.3 5.8 8.8

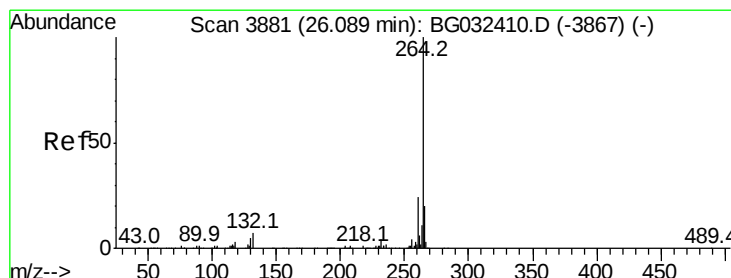
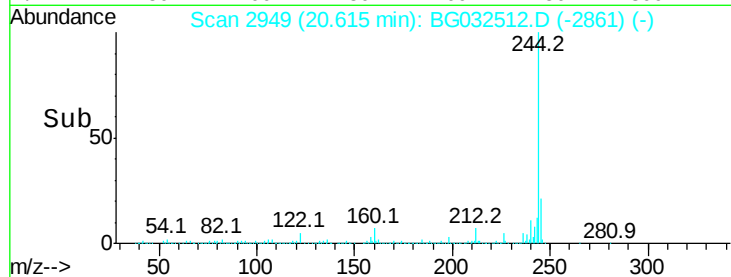
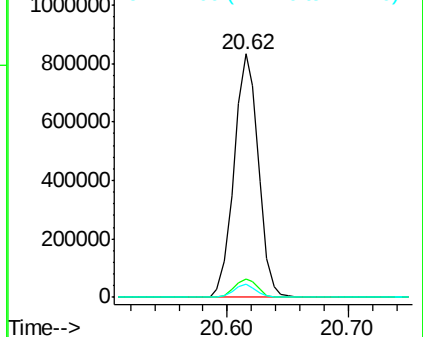
122 5.5 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032512.D

Acq: 2 Feb 2018 15:07

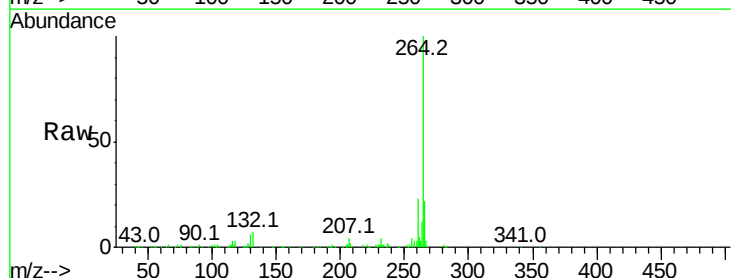
Tgt Ion:264 Resp: 282042

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.1	17.7	26.5

264 100

260 22.8 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

